

Academic Standards Summary

State: INDIANA

Grade: 10

Purpose

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



■No. of Students: 78582

Test Date: 09/18/07

Indiana Performance Index (IPI)

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.

MC : Multiple-choice items

OE : Open-ended items

GR : Gridded response items

** : Expected IPI for a student at the passing cut score

STATE SUMMARY

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.	STATE SUMMARY						
	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery
MC : Multiple-choice items OE : Open-ended items GR : Gridded response items ** : Expected IPI for a student at the passing cut score							
English/language arts							
1. Reading Vocabulary(MC,OE)	9	53	5.6	62.2	9.2	53926	70
2. Reading Comp.(MC,OE)	21	65	14.8	70.8	5.8	53634	70
3. Lit Response & Analysis(MC,OE)	19	60	12.4	66.1	6.1	53382	70
4. Writing Process(MC)	7	74	5.4	77.3	3.3	51751	67
5. Writing Applications(OE)	10	65	6.8	67.9	2.9	53751	70
6. Lang. Conventions(MC,OE)	19	74	15.0	78.3	4.3	52490	69
Number of Students: 76208							
Mathematics							
1. Number Sense(MC,GR)	9	39	4.7	52.6	13.6	51136	66
2. Computation(MC,GR)	8	41	4.3	54.6	13.6	51006	66
3. Algebra & Functions(MC,OE,GR)	32	34	15.7	49.0	15.0	51633	68
4. Geometry(MC,OE)	8	38	4.5	55.6	17.6	51234	67
5. Measurement(MC,OE,GR)	13	40	7.2	55.4	15.4	50420	66
6. Data Analysis & Prob(MC,OE,GR)	11	54	6.9	62.8	8.8	51163	67
7. Problem Solving(MC,OE,GR)	16	22	6.4	40.6	18.6	50846	67
Number of Students: 76030							

* Number of students that completed all tests in the content area. ■ Total number of all students that tested in either content area. Any student tested in both content areas is counted once. Adding the two-digit "Pl at Pass" scores will not result in the three-digit student score found on the Student Report.